



SEQUENCE LISTING

<110> Herath, et al.

<120> ADPI-41, A NOVEL PROTEIN ISOLATED FROM BRAIN TISSUE HOMOGENATE AND USES THEREFOR

<130> 9195-077

<150> 10/014,338

<151> 2001-12-10

<160> 12

<170> PatentIn version 3.1

<210> 1

<211> 1134

<212> DNA

<213> Homo sapiens

a
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<221> misc_feature

<222> (1121)..(1122)

<223> where "n" is any nucleotide

<220>

<221> misc_feature

<222> (1125)..(1126)

<223> where "n" is any nucleotide

<220>
<221> misc_feature
<222> (1132)..(1133)
<223> where "n" is any nucleotide

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tcaaaggact ttcattggac gagccaatca tttcttcaact gtaactgacc ccaggaacat 120
tctgttaacc aacgaacaac tcgagagtgc gagaaaaata gtacatgatt acaggcaagg 180
aattgttcct cctggtctta cagaaaatga attgtggaga gcaaagtaca tctatgattc 240
agctttcat cctgacactg gtgagaagat gatTTTgata ggaagaatgt cagcccaggt 300
tcccatgaac atgaccatca caggttgtat gatgacgttt tacaggacta cgccggctgt 360
gctgttctgg cagtggatta accagtcctt caatgcccgc gtcaattaca ccaacagaag 420
tggagacgca cccctcaactg tcaatgagtt gggAACAGCT tacgtttctg caacaactgg 480
tgccgttagca acagctctag gactcaatgc attgaccaag catgtctcac cactgatagg 540
acgtttgtt cccttgctg ccgtagctgc tgctaattgc attaatattc cattaatgag 600
gcaaaggaa ctcaaagttg gcattccgt cacggatgag aatggaaacc gcttggggaa 660
gtcggcgaac gctgcgaaac aagccatcac gcaagttgtc gtgtccagga ttctcatggc 720
agccccctggc atggccatcc ctccattcat tatgaacact ttggaaaaga aagcctttt 780
gaagagggttc ccatggatga gtgcacccat tcaagttggg tttagttggct tctgttttgt 840
gtttgtaca cccctgtgtt gtgcctgtt tcctcagaaa agttccatgt ctgtgacaag 900
cttggaggcc gagttgcaag ctaagatcca agagagccat cctgaattgc gacgcgtgt 960
cttcaataag ggattgtaaa gcagggagga aacctctgca gtcattctg ccactgcaaa 1020
gctgggttag ccatgtgtt gagaAAAATC ctgttcaacc tgggttctcc cagttacgga 1080
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<210> 2
<211> 322
<212> PRT

<213> Homo sapiens

<400> 2

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1 5 10 15

Asp Gln Ser Thr Phe Ile Gly Arg Ala Asn His Phe Phe Thr Val Thr
20 25 30

Asp Pro Arg Asn Ile Leu Leu Thr Asn Glu Gln Leu Glu Ser Ala Arg
35 40 45

Lys Ile Val His Asp Tyr Arg Gln Gly Ile Val Pro Pro Gly Leu Thr
50 55 60

Glu Asn Glu Leu Trp Arg Ala Lys Tyr Ile Tyr Asp Ser Ala Phe His
65 70 75 80

Pro Asp Thr Gly Glu Lys Met Ile Leu Ile Gly Arg Met Ser Ala Gln
85 90 95

Val Pro Met Asn Met Thr Ile Thr Gly Cys Met Met Thr Phe Tyr Arg
100 105 110

Thr Thr Pro Ala Val Leu Phe Trp Gln Trp Ile Asn Gln Ser Phe Asn
115 120 125

Ala Val Val Asn Tyr Thr Asn Arg Ser Gly Asp Ala Pro Leu Thr Val
130 135 140

Ala
Asn Glu Leu Gly Thr Ala Tyr Val Ser Ala Thr Thr Gly Ala Val Ala
145 150 155 160

Thr Ala Leu Gly Leu Asn Ala Leu Thr Lys His Val Ser Pro Leu Ile
165 170 175

Gly Arg Phe Val Pro Phe Ala Ala Val Ala Ala Asn Cys Ile Asn
180 185 190

Ile Pro Leu Met Arg Gln Arg Glu Leu Lys Val Gly Ile Pro Val Thr
195 200 205

Asp Glu Asn Gly Asn Arg Leu Gly Glu Ser Ala Asn Ala Ala Lys Gln
210 215 220

Ala Ile Thr Gln Val Val Val Ser Arg Ile Leu Met Ala Ala Pro Gly
225 230 235 240

Met Ala Ile Pro Pro Phe Ile Met Asn Thr Leu Glu Lys Lys Ala Phe
245 250 255

Leu Lys Arg Phe Pro Trp Met Ser Ala Pro Ile Gln Val Gly Leu Val
260 265 270

Gly Phe Cys Leu Val Phe Ala Thr Pro Leu Cys Cys Ala Leu Phe Pro
275 280 285

Gln Lys Ser Ser Met Ser Val Thr Ser Leu Glu Ala Glu Leu Gln Ala
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Lys Ile Gln Glu Ser His Pro Glu Leu Arg Arg Val Tyr Phe Asn Lys
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Gly Leu

<210> 3

<211> 984

<212> DNA

a
<213> Homo sapiens

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<223> where "n" is any nucleotide

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<222> (979)..(980)

<223> where "n" is any nucleotide

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tctgttaacc aacgaacaac tcgagagtgc gagaaaaata gtacatgatt acaggcaagg 180
aattgttcct cctggcttta cagaaaatga attgtggaga gcaaagtaca tctatgattc 240
agcttttcat cctgacactg gtgagaagat gattttgata ggaagaatgt cagcccaggt 300
tccccatgaac atgaccatca caggttgtat gatgacgttt tacaggacta cgccggctgt 360
gctgttctgg cagtggatta accagtcctt caatgccgtc gtcaattaca ccaacagaag 420
tggagacgca cccctcaactg tcaatgagtt gggAACAGCT tacgtttctg taacaactgg 480
tgccgttagca acagctctag gactcaatgc attgaccaag catgtctcac cactgatagg 540
acgaaaaatttccctt ccctttgctg ccgtagctgc tgctaattgc attaatattc cattaatgag 600
gcaaaagccat ccctccattc attatgaaca ctttggaaaa gaaagccctt ttgaagaggt 660
tccccatggat gagtgcaccc attcaagttt ggttagttgg cttctgtttt gtttttgctt 720
caccctgtg ttgtgcctt tttcctcaga aaagttccat gtctgtaca agcttggagg 780
ccgagttgca agctaagatc caagagagcc atcctgaatt gcgacgcgtg tacttcaata 840
agggattgta aagcagggag gaaacctctg cagctcattt tgccactgca aagctgggt 900
agccatgctg gtgagaaaaa tcctgttcaa cctgggttct cccagttang gaaagggcga 960
attcgccgccc gctgattcna ttac 984

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<210> 4

<211> 261

<212> PRT

<213> Homo sapiens

<400> 4

Met Ser Gly Glu Leu Pro Pro Asn Ile Asn Ile Lys Glu Pro Arg Trp
1 5 10 15

Asp Gln Ser Thr Phe Ile Gly Arg Ala Asn His Phe Phe Thr Val Thr
20 25 30

Asp Pro Arg Asn Ile Leu Leu Thr Asn Glu Gln Leu Glu Ser Ala Arg
35 40 45

Lys Ile Val His Asp Tyr Arg Gln Gly Ile Val Pro Pro Gly Leu Thr
50 55 60

Glu Asn Glu Leu Trp Arg Ala Lys Tyr Ile Tyr Asp Ser Ala Phe His
65 70 75 80

Pro Asp Thr Gly Glu Lys Met Ile Leu Ile Gly Arg Met Ser Ala Gln
85 90 95

Val Pro Met Asn Met Thr Ile Thr Gly Cys Met Met Thr Phe Tyr Arg
100 105 110

Thr Thr Pro Ala Val Leu Phe Trp Gln Trp Ile Asn Gln Ser Phe Asn
115 120 125

Ala Val Val Asn Tyr Thr Asn Arg Ser Gly Asp Ala Pro Leu Thr Val
130 135 140

Asn Glu Leu Gly Thr Ala Tyr Val Ser Val Thr Thr Gly Ala Val Ala
145 150 155 160

Thr Ala Leu Gly Leu Asn Ala Leu Thr Lys His Val Ser Pro Leu Ile
165 170 175

Gly Arg Phe Val Pro Phe Ala Ala Val Ala Ala Asn Cys Ile Asn
180 185 190

*A
Cont.*

Ile Pro Leu Met Arg Gln Ser His Pro Ser Ile His Tyr Glu His Phe
195 200 205

Gly Lys Glu Ser Leu Phe Glu Glu Val Pro Met Asp Glu Cys Thr His
210 215 220

Ser Ser Trp Val Ser Trp Leu Leu Phe Gly Val Cys Tyr Thr Pro Val
225 230 235 240

Leu Cys Pro Val Ser Ser Glu Lys Phe His Val Cys Asp Lys Leu Gly
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Gly Arg Val Ala Ser

<210> 5
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<400> 5
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<210> 6
<211> 22
<212> DNA
<213> Homo sapiens

<400> 6
tccgtaactg ggagaaccca gg

22

<210> 7
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a
cont.

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Asn Ile Leu Leu Thr Asn Glu Gln Leu Glu Ser Ala Arg
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<213> Homo sapiens

<400> 8

Gln Ala Ile Thr Gln Val Val Val Ser Arg
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<210> 9

<211> 12

<212> PRT

<213> Homo sapiens

<400> 9

Val Gly Ile Pro Val Thr Asp Glu Asn Gly Asn Arg
1 5 10

<210> 10

<211> 39

<212> DNA

<213> Homo sapiens

<400> 10

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<210> 11

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<211> 30

<212> DNA

<213> Homo sapiens

<400> 11

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<210> 12

<211> 33

<212> DNA

<213> Homo sapiens

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cont <400> 12
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33